FIG. 1A

INTRODUCTION OF NI ELEMENT

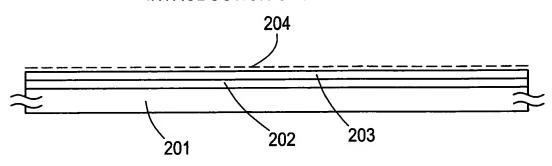


FIG. 1B

CRYSTALLIZATION BY THERMAL PROCESSING

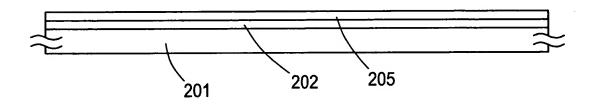


FIG. 1C

FORMATION OF THERMAL OXIDE FILM

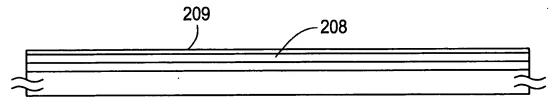


FIG. 1D

REMOVAL OF THERMAL OXIDE FILM

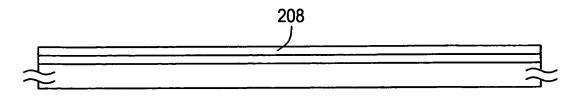
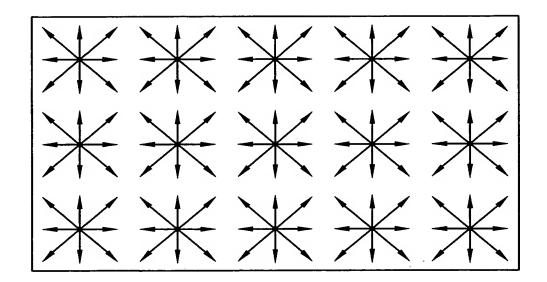
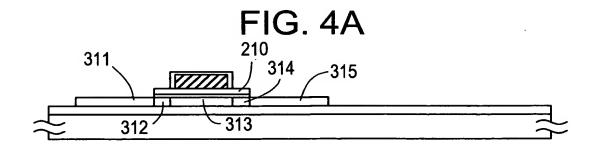
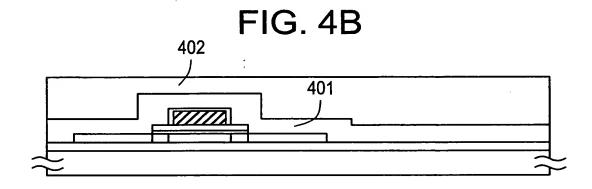


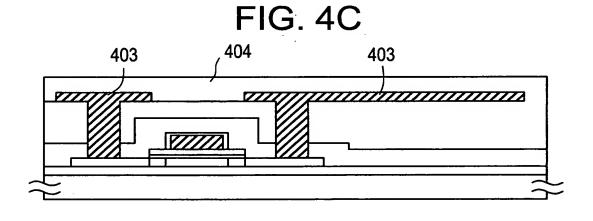
FIG. 2A 303 304 302 FIG. 2B 305 -306 304 FIG. 2C 309 --308 303 307 310 FIG. 2D 315 311~ 313 312 FIG. 2E 318 316 300 317 7//////

FIG. 3









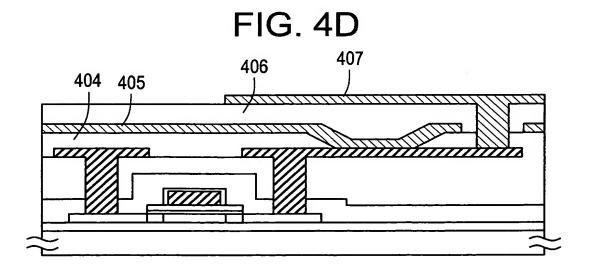
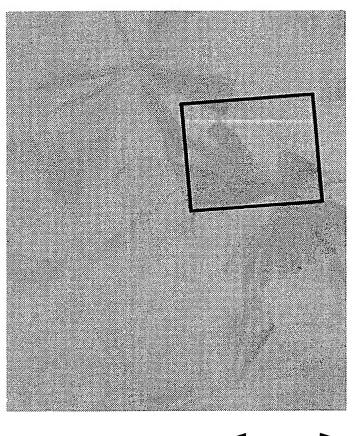


FIG. 5A 210. - 304 -211 FIG. 5B 501 -306 304 305 FIG. 5C _501 309 ~ -308 303 307 310 FIG. 5D 314 315 311 -FIG. 5E 318 503 502 317 VIIIIII

FIG. 6



100 μm

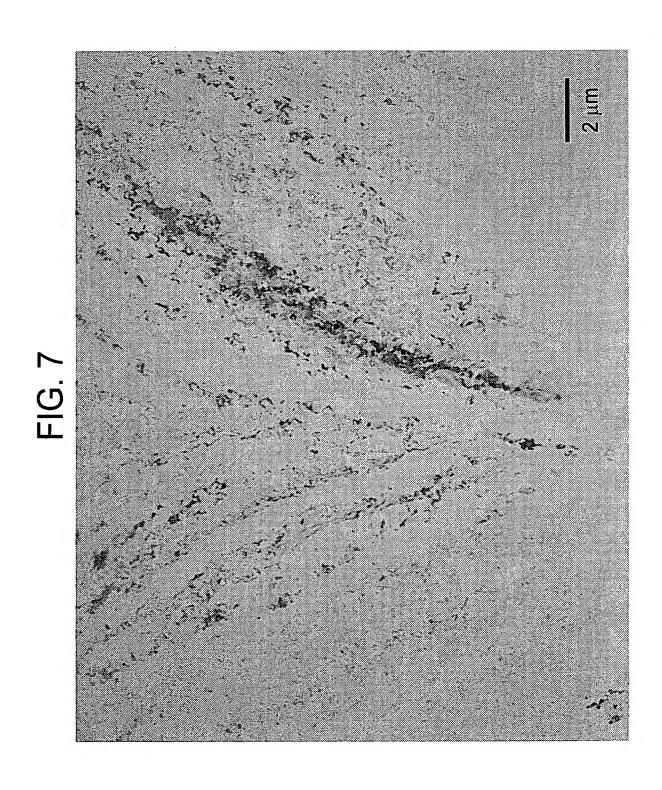
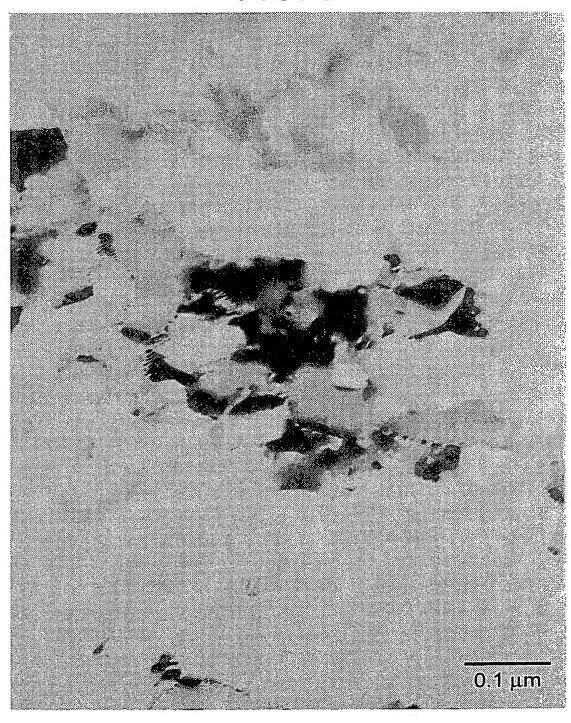


FIG. 8



BEST AVAILABLE COPY

